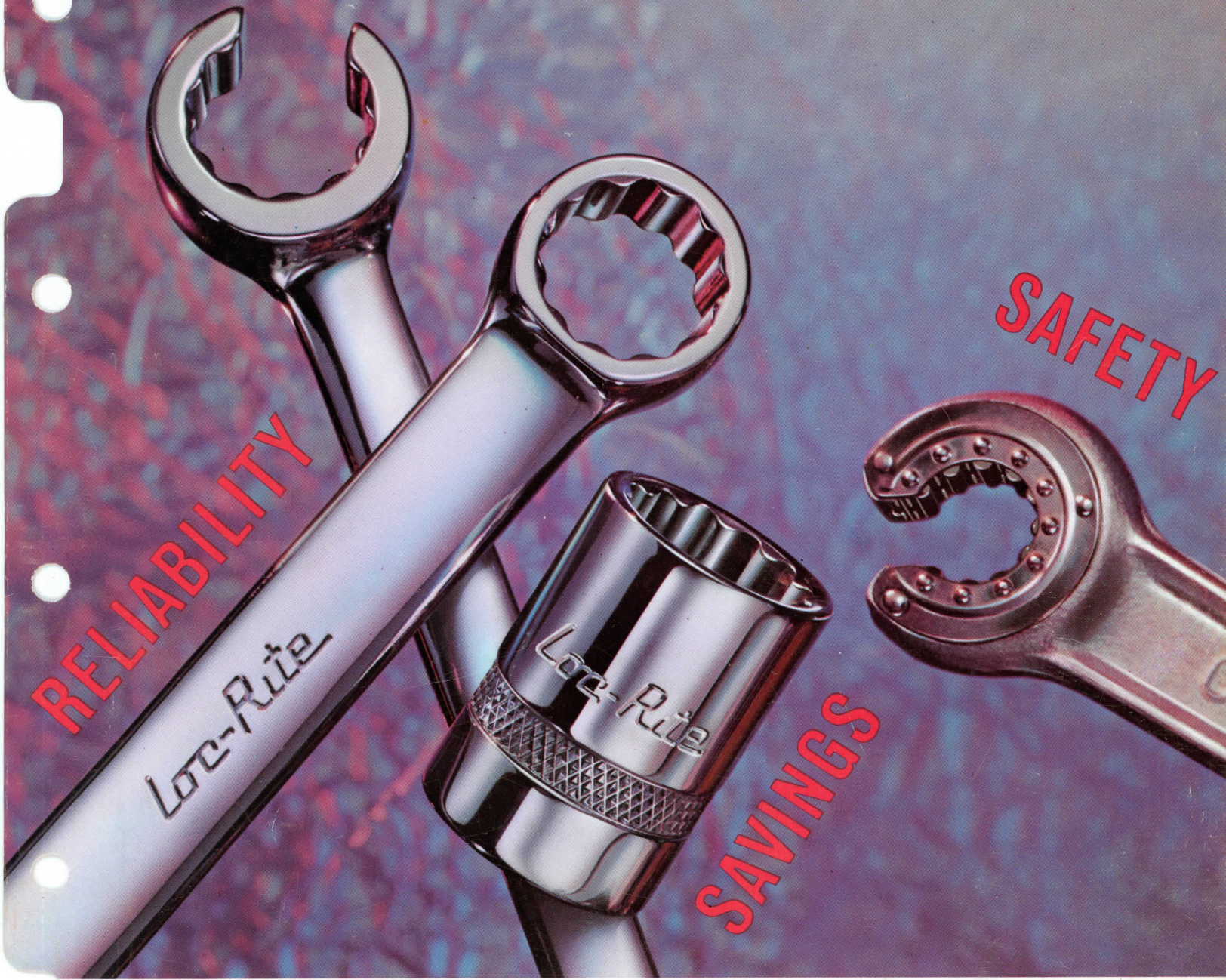


TOOL DIVISION
KELSEY-HAYES
ORANGEBURG, S.C.



NEW! WRENCH*

CONFIGURATION

TURNS WITH TANGENTIAL FORCE

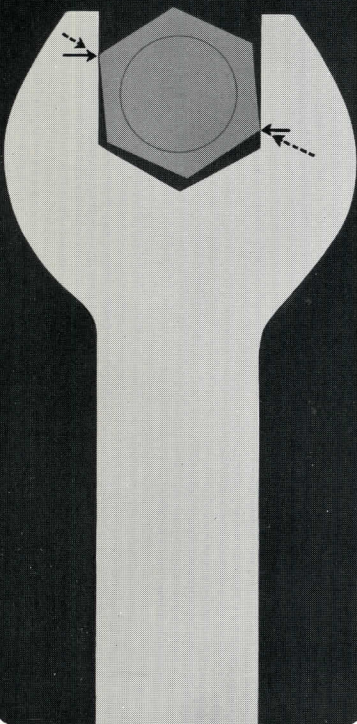
- Eliminates Fitting Leaks
- Increases Product Reliability
- Decreases Factory Reworks
- Extends Safety Factor Limits
- Reduces Service Call-Backs

Loc-Rite and *Cam-Loc*

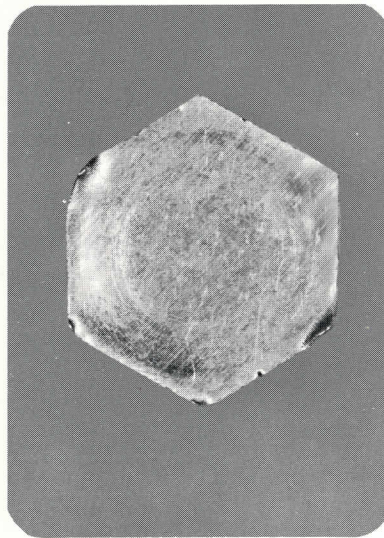
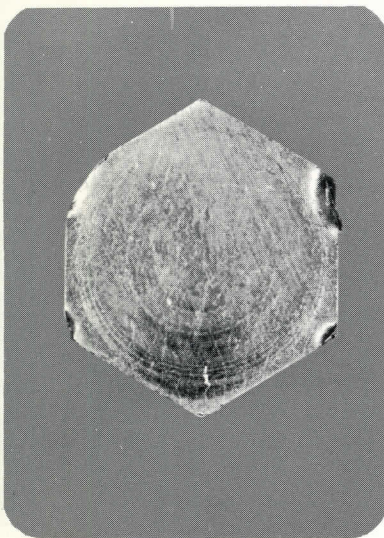
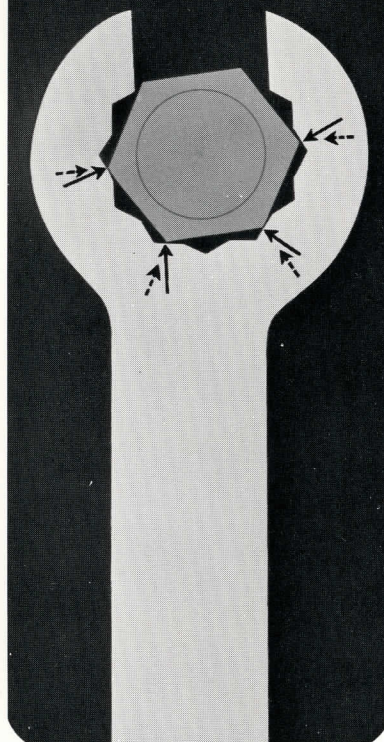
*Patent No. 3125910

*Patent No. 2550010

CONVENTIONAL OPEN-END WRENCH



CONVENTIONAL FLARE NUT WRENCH



CAUSES DISTORTION AND MUTILATION

Note how this open-end wrench applies force (solid arrows) to the nut at only two points. Result: the directions of force are directed close to the center. As the wrench rides up on the corners, the forces oppose each other (dotted lines) to crush, squeeze and distort the nut. And, the corners are easily mutilated as shown in the lower photo. Turning nuts and fittings with open-end wrenches produces galling of threads and sealing surfaces. This in turn produces a false torque-tension relationship.

Conventional wrench principle causes the same distortional forces with a flare nut wrench as with a conventional open end wrench. Conventional wrenches bear on the very corners of the hex. When the corners are not uniformly filled, distortive damage occurs even sooner.

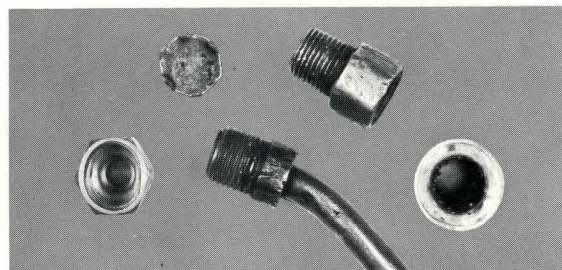
CRUSHING FORCE IS FALLACY OF CONVENTIONAL WRENCHES

The conventional wrenches illustrated at the left build up a crushing force close to the center point in the turning process, creating an elliptical distortion. This squeezing force galls and roughens smooth sealing surfaces, preventing them from meeting and mating properly. And, the P.S.I. built up on two small opposing areas actually makes the metal flow. Many times, these wrenches will make thin, circular sealing parts oval, which prevent proper mating. Crushing force galls threads, breaking them down and lessening their ability to hold against vibration and pressure.

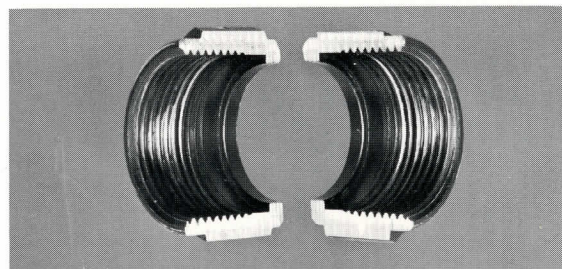
How does all this show up? It shows up in the form of leaks and failures. Every year millions of dollars are lost due to the failure of threaded fasteners and fittings. These failures show up in every phase of our economy . . . defense, industry, home and farm. Failures of this type not only cost dollars for replacing, repairing and unnecessary warranty costs, but they result in more expensive attendant losses and consumer ill will.

The distortion created with conventional wrenches causes abnormal thread friction and false torque, resulting in less thread engagement than required to seal securely. When wrench pressure is released, the fitting tends to return toward "round." This results in a connection that is not secure and is easily loosened by vibration or pressure.

Apparent tightness produced by "crushing force" is attained at comparatively low torques. Therefore, with conventional wrenches, you can be creating the cause for future failure because of false torque-tension relationship not revealed by normal quality control methods.



Unretouched photo of typical fittings that caused trouble in service. Note the out-of-roundness, the galled threads, the mutilated fittings and bolts and the galled tubing flare.



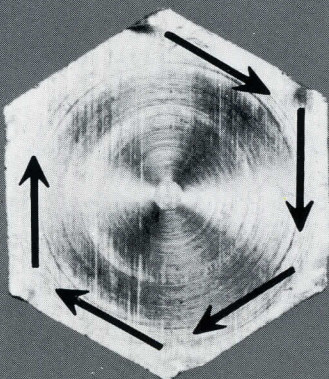
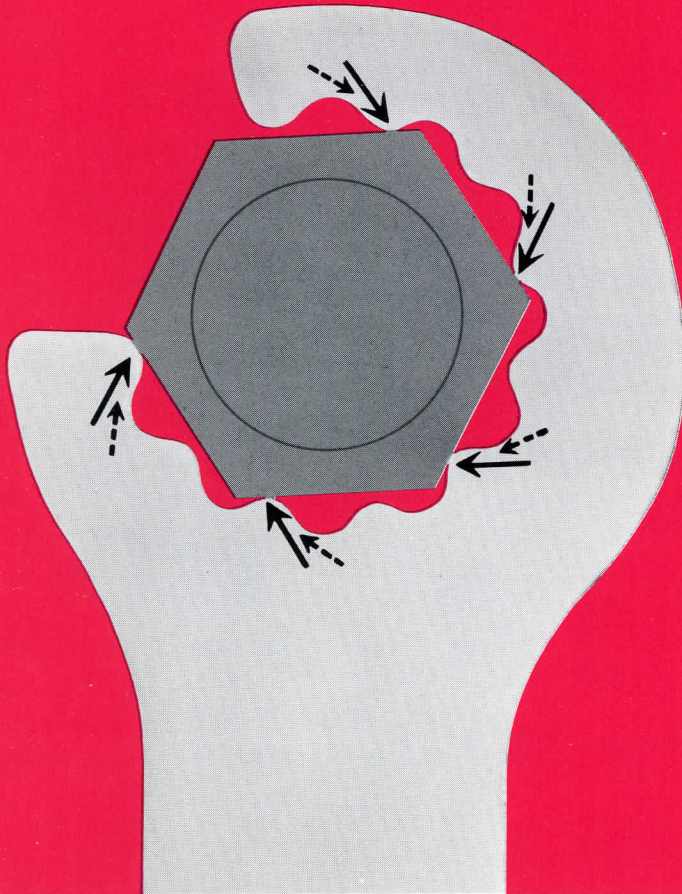
Unretouched photo shows thread galling caused by turning with conventional wrench. You can actually see how the metal flows, causing abnormal thread friction and false torque.



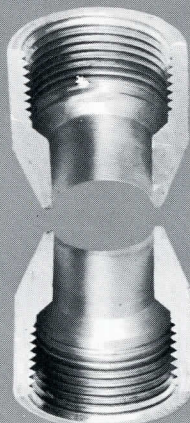
**THE WRENCHES
YOU ARE NOW USING
TIGHTEN WITH A
CRUSHING FORCE**

Loc-Rite and Cam-Loc

**WRENCHES NEVER TOUCH
THE CORNERS OF THE HEX!**



IN THIS UNRETOUCHED photo see how Loc-Rite Wrench applies forces on flats of the hex tangentially.



NO DISTORTION...NO THREAD GALLING. Unretouched photo shows absence of thread galling and reveals perfect mating of male and female parts.

Reliability

The configuration of the new Kelsey-Hayes Loc-Rite and Cam-Loc (the ratchet-type, open-end wrench) Wrenches uses an entirely new turning technique. Unlike conventional wrenches that bear on corners, causing distortion and mutilation, the Loc-Rite Wrench doesn't even touch the corners. It bears on the flats of the hex, tangent to the center from the point of contact. Consequently, the Loc-Rite Wrench is not dependent on uniformly filled corners.

This new wrench principle turns without distortion or mutilation of the joined member, producing a uniform tension between threads and sealing surfaces.

Ideal for Removing Seized Parts

Because of its unique design, that places all the force on the flats, the Loc-Rite Wrench is also ideal for removing bolts, loosening fittings and seized nuts... even if the hex corners are badly damaged! Loc-Rite Wrenches fit and turn when conventional wrenches won't even fit.

The "Tangential Force" of the Loc-Rite Wrench means that higher torque can be applied, without distortion or mutilation. And, you can be assured of truer torque-tension relationships.

You Can Demonstrate Crushing Force vs. Tangential Force

Do it in your own home. Take a Loc-Rite Wrench and try it on the tube fittings of your furnace or some other appliance. It

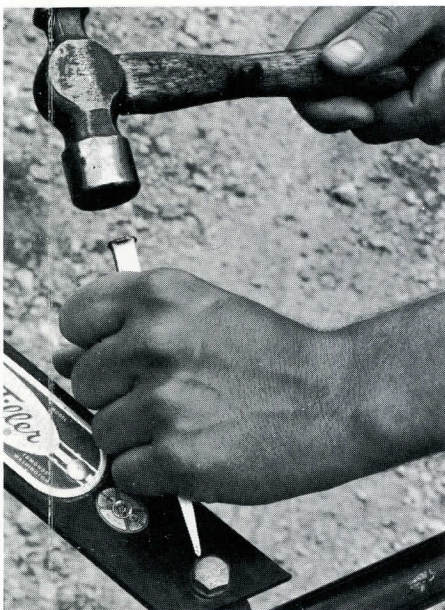
Now, discover the ty, Safety and Savings of

TANGENTIAL FORCE

was assembled and connected with conventional wrenches. And, apparently, the fittings are tight. Now, try a Loc-Rite Wrench and see what happens! This demonstrates how Loc-Rite Wrenches correct and avoid false torque-tension relationships.

What Every Mechanic Knows

When seized nuts, bolts or plugs can't be turned with a pipe wrench or any other type of tool, he uses TANGENTIAL FORCE, like this:



But, with a Loc-Rite Wrench, you can utilize TANGENTIAL FORCE much more effectively!

Even Soft Metals Are Not Mutilated or Distorted

These Wrenches are especially suited for copper, aluminum and other soft metals and alloys. When used with these metals, "Tangential Force" permits greater torque and proper tension relationships without mutilation.

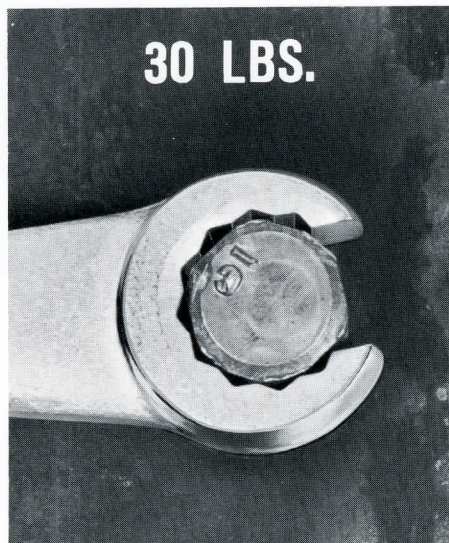
New Standard of Reliability

Loc-Rite and Cam-Loc Wrenches can prevent and stop leaks in all tube connections of hydraulic, pneumatic and gas systems. Often, with a new standard of product reliability brought about by the use of these wrenches,

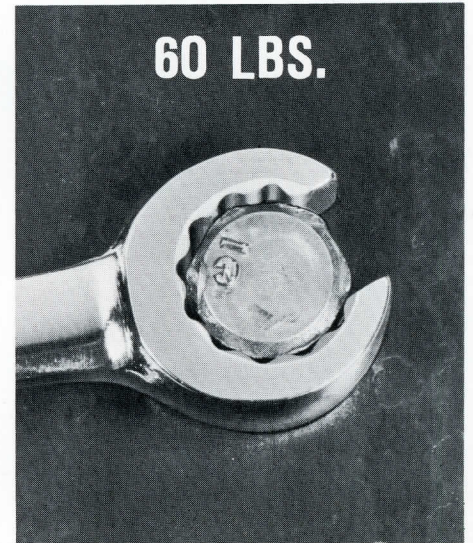
they'll pay for themselves many times over on the production line, in factory adjustments, in reduction of service call-backs and in customer satisfaction.

Loc-Rite Configuration Ideal for Tight Places

Where required, the unique configuration of Loc-Rite Wrenches permits them to be made with thinner walls while maintaining high strength. This makes them ideal for working in tight places where conventional wrenches are slow, awkward or cannot be used. Write for more details about special thin-wall wrenches for specific needs.



Here is an ordinary flare nut wrench. It slipped around the corners of the hex when 30 ft. lbs. of torque was reached.



Here is the same nut that appears at the left. After it was ruined, a Loc-Rite Wrench turned it to 60 ft. lbs. of torque with tangential force.



is available in all These Wrench Forms

Available throughout the U.S. and Canada from leading industrial, hardware, mill supply and automotive tool dealers.



CAM-LOC Open End RATCHET WRENCH

The Cam-Loc is similar in principle to the Loc-Rite. But, it has the speed and ease of a ratchet! The Cam-Loc is widely used throughout industry because it is the only open-end ratchet wrench which does not mutilate or distort fittings. The Cam-Loc employs the same basic principle, including five-point contact, as the Loc-Rite together with an exclusive floating roller action. In service applications, this roller action permits the Cam-Loc to grasp and remove very badly deformed fittings, cutting job time as much as two-thirds. And, in most cases, the fitting can be reused and reliably resealed.

Part No.	Hex Size	Part No.	Hex Size
43212	3/8"	43222	1 1/16"
43214	7/16"	43224	3/4"
43216	1"	43228	7/8"
43218	5/8"	43232	1"
43220	9/16"		



Loc-Rite DOUBLE OPEN END WRENCH

For real savings, safety and reliability of all hydraulic-pneumatic systems.

Part No.	Size	Part No.	Size
22323	3/8" x 7/16"	22327	5/8" x 1 1/16"
22325	1/2" x 9/16"	22331	3/4" x 7/8"



Loc-Rite OPEN END, BOX COMBINATION WRENCH

Part No.	Size	Part No.	Size
23312	3/8" x 3/8"	23324	3/4" x 3/4"
23314	7/16" x 7/16"	23328	7/8" x 7/8"
23316	1/2" x 1/2"	23330	1 1/16" x 1 1/16"
23318	5/8" x 5/8"	23332	1" x 1"
23320	9/16" x 5/8"	23336	1 1/8" x 1 1/8"
23322	1 1/16" x 1 1/16"		



TORQUE WRENCH ADAPTERS Loc-Rite OPEN END—CROW FOOT

1/4" SQUARE DRIVE

Part No.	Size	Part No.	Size
45212	3/8"	45216	1/2"
45214	7/16"	45218	9/16"

3/8" SQUARE DRIVE

Part No.	Size	Part No.	Size
45320	5/8"	45328	7/8"
45322	1 1/16"	45330	1 1/8"
45324	3/4"	45332	1"
45326	7/8"	45334	1 1/16"

1/2" SQUARE DRIVE

Part No.	Size	Part No.	Size
45436	1 1/8"	45452	1 5/8"
45438	1 1/4"	45454	1 3/4"
45440	1 1/2"	45456	1 5/4"
45442	1 3/4"	45458	1 7/8"
45444	1 5/8"	45460	1 7/4"
45446	1 3/4"	45462	1 15/16"
45448	1 1/2"	45464	2"
45450	1 1/16"		



Loc-Rite ULTRA SHORT BOX WRENCH 45° ANGLE

Part No.	Size	Part No.	Size
24623	3/8" x 7/16"	24629	5/8" x 3/4"
24625	1/2" x 9/16"		



Loc-Rite DOUBLE OFFSET BOX WRENCH LONG PATTERN, 45° ANGLE

Part No.	Size	Part No.	Size
24123	3/8" x 7/16"	24129	5/8" x 1 1/16"
24125	1/2" x 9/16"	24131	3/4" x 1 1/16"
24127	9/16" x 5/8"	24133	7/8" x 1 1/16"



Loc-Rite EXTRA LONG BOX WRENCH 45° ANGLE

Part No.	Size
24235	1" x 1 1/16"
24237	1 1/8" x 1 1/4"



Loc-Rite SHORT SINGLE OFFSET BOX WRENCH 15° ANGLE

Part No.	Size	Part No.	Size
24023	3/8" x 7/16"	24027	5/8" x 1 1/16"
24025	1/2" x 9/16"		



Loc-Rite BOX AND ORDINARY OPEN END COMBINATION WRENCH

Long Series

Part No.	Size	Part No.	Size
23112	3/8" x 3/8"	23126	1 1/16" x 1 1/16"
23114	7/16" x 7/16"	23128	7/8" x 7/8"
23116	1/2" x 1/2"	23130	9/16" x 1 1/16"
23118	5/8" x 5/8"	23132	1" x 1"
23120	9/16" x 5/8"	23134	1 1/16" x 1 1/16"
23122	1 1/16" x 1 1/16"	23136	1 1/8" x 1 1/8"
23124	3/4" x 3/4"		



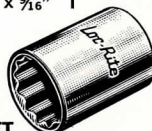
Short Series

Part No.	Size	Part No.	Size
23012	3/8" x 3/8"	23020	5/8" x 5/8"
23014	7/16" x 7/16"	23022	1 1/16" x 1 1/16"
23016	1/2" x 1/2"	23024	3/4" x 3/4"
23018	9/16" x 9/16"		



Loc-Rite MULTI-FLEX BOX WRENCH

Part No.	Size	Part No.	Size
24523	3/8" x 7/16"	24527	5/8" x 3/4"
24525	1/2" x 9/16"		



Loc-Rite SOCKET REGULAR LENGTH—3/8" SQUARE DRIVE

Part No.	Size	Part No.	Size
33212-1	3/8"	33220-1	5/8"
33214-1	7/16"	33222-1	1 1/16"
33216-1	1/2"	33224-1	3/4"
33218-1	9/16"		

REGULAR LENGTH SOCKET—

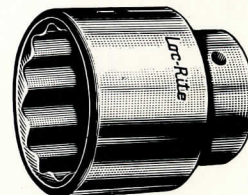
1/2" SQUARE DRIVE

Part No.	Size	Part No.	Size
34212-1	3/8"	34226-1	1 3/16"
34214-1	7/16"	34228-1	7/8"
34216-1	1/2"	34230-1	1 1/8"
34218-1	9/16"	34232-1	1"
34220-1	5/8"	34234-1	1 1/16"
34222-1	1 1/16"	34236-1	1 1/8"
34224-1	3/4"	34240-1	1 1/4"

REGULAR LENGTH SOCKETS—

3/4" SQUARE DRIVE

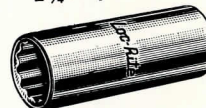
Part No.	Size	Part No.	Size
36228-1	7/8"	36248-1	1 1/2"
36230-1	1 1/16"	36252-1	1 5/8"
36232-1	1"	36256-1	1 3/4"
36234-1	1 1/16"	36258-1	1 11/16"
36236-1	1 1/8"	36260-1	1 7/8"
36238-1	1 1/4"	36264-1	2"
36240-1	1 1/2"	36266-1	2 1/16"
36242-1	1 3/8"	36268-1	2 1/8"
36244-1	1 5/8"	36270-1	2 3/16"
36246-1	1 7/8"	36272-1	2 1/4"



REGULAR LENGTH SOCKETS—

1" SQUARE DRIVE

Part No.	Size	Part No.	Size
38046	1 1/4"	38074	2 5/16"
38048	1 1/2"	38076	2 3/8"
38052	1 5/8"	38078	2 7/8"
38054	1 11/16"	38080	2 1/2"
38056	1 3/4"	38082	2 9/16"
38058	1 13/16"	38084	2 5/8"
38060	1 7/8"	38088	2 3/4"
38064	2"	38094	2 15/16"
38068	2 1/8"	38096	3"
38070	2 1/4"	38100	3 1/8"
38072	2 1/2"		



EXTRA DEEP SERIES—3/8" SQUARE DRIVE

Part No.	Size	Part No.	Size
33214-2	7/16"	33220-2	5/8"
33216-2	1/2"	33222-2	1 1/16"
33218-2	9/16"	33224-2	3/4"

EXTRA DEEP SERIES—1/2" SQUARE DRIVE

Part No.	Size	Part No.	Size
34216-2	1/2"	34226-2	1 3/16"
34218-2	9/16"	34228-2	7/8"
34220-2	5/8"	34230-2	1 1/8"
34222-2	1 1/16"	34232-2	1"
34224-2	3/4"	34236-2	1 1/8"



FLEXIBLE SOCKETS—3/8" SQUARE DRIVE

Part No.	Size	Part No.	Size
33218-9	9/16"	33222-9	1 1/16"
33220-9	5/8"	33224-9	3/4"

FLEXIBLE SOCKETS—1/2" SQUARE DRIVE

Part No.	Size	Part No.	Size
34216-9	1/2"	34222-9	1 1/16"
34218-9	9/16"	34224-9	3/4"
34220-9	5/8"	34226-9	1 1/8"

**SPACE AGE DEMANDS OF TOMORROW
ARE AVAILABLE TODAY FROM**

**TOOL DIVISION
KELSEY-HAYES**
ORANGEBURG, S. C.

Printed in U.S.A.

Loc-Rite & Cam-Loc

*Patent No. 3125910

*Patent No. 2550010

LIST PRICES

Effective January 1965



Current Items

Prices Subject to Change Without Notice


FORM NO. 647-A


A charge of 10% or \$1.50 minimum will be added to each order under \$25.00 NET.

GUARANTEE: These tools are guaranteed to perform the work for which designed and to last as long as is consistent with ordinary wear. Any tool found defective in workmanship or material when returned prepaid to the factory will be replaced.

*Please note reconditioning policy for Cam-Loc Ratchet Wrenches on last page.

SHIPMENTS MADE IN STANDARD PACKAGING.


 LOC-RITE DOUBLE OPEN END WRENCH					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
22323	\$ 3.20	3/8 & 7/16	27/32 & 23/32	4 11/16	6
22325	3.60	1/2 & 9/16	7/8 & 15/16	6 5/16	6
22327	4.38	5/8 & 11/16	1 3/64 & 1 5/32	7 5/16	6
81000	11.18	Above three wrenches in a plastic roll			
22331	4.92	3/4 & 7/8	1 17/64 & 1 7/16	8 5/16	6


 LOC-RITE OPEN END, BOX COMBINATION WRENCH					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
23312	\$ 2.85	3/8 & 3/8	23/32 & 5/8	6	6
23314	3.02	7/16 & 7/16	51/64 & 45/64	6 1/4	6
23316	3.22	1/2 & 1/2	59/64 & 51/64	6 11/16	6
23318	3.34	9/16 & 9/16	1 & 7/8	7 3/8	6
23320	3.84	5/8 & 5/8	1 5/64 & 1	8	6
23322	4.14	11/16 & 11/16	1 5/32 & 1 1/16	8 3/4	6
23324	4.94	3/4 & 3/4	1 17/64 & 1 11/64	9 11/16	6
23328	5.72	7/8 & 7/8	1 7/8 & 1 21/64	11 3/4	2
23330	6.60	1 5/16 & 1 5/16	1 17/32 & 1 13/32	12 3/4	2
23332	6.96	1 & 1	1 19/32 & 1 33/64	13 1/4	2
23336	7.66	1 1/8 & 1 1/8	1 49/64 & 1 43/64	14 1/2	2





LOC-RITE OPEN END - CROW FOOT TORQUE WRENCH ADAPTERS

PART NO.	LIST PRICE	SIZE OPENING	T.C. (*)	DIA. HEAD	THICK HEAD	STD. PKG.
1/4" SQUARE DRIVE						
45212	\$ 3.86	3/8	15/32	9/16	17/32	6
45214	3.92	7/16	33/64	21/32	19/32	6
45216	4.00	1/2	9/16	3/4	19/32	6
45218	4.04	9/16	19/32	13/16	19/32	6
3/8" SQUARE DRIVE						
45320	\$ 3.22	5/8	11/16	29/32	3/4	6
45322	3.48	11/16	47/64	1	3/4	6
45324	3.56	3/4	25/32	1 3/32	25/32	6
45326	3.74	13/16	53/64	1 11/64	25/32	6
45328	3.94	7/8	1 7/8	1 17/64	13/16	6
45330	4.38	15/16	29/32	1 11/32	13/16	6
45332	4.38	1	61/64	1 27/64	27/32	6
45334	4.62	1 1/16	63/64	1 1/2	27/32	6
1/2" SQUARE DRIVE						
45436	\$ 4.28	1 1/8	1 9/64	1 19/32	1 5/16	6
45438	5.26	1 3/16	1 11/64	1 21/32	1 5/16	6
45440	5.30	1 1/4	1 17/32	1 3/4	1 5/16	6
45442	5.58	1 5/16	1 1/4	1 13/16	1 5/16	6
45444	5.82	1 3/8	1 19/64	1 29/32	1	6
45446	6.02	1 7/16	1 1/32	1 31/32	1	6
45448	6.34	1 1/2	1 23/64	2 1/32	1	6
45450	6.68	1 9/16	1 13/32	2 1/8	1	6
45452	6.88	1 5/8	1 7/16	2 3/16	1	6
45454	7.20	1 11/16	1 1/2	2 9/32	1 1/16	6
45456	7.50	1 3/4	1 17/32	2 11/32	1 1/16	6
45458	7.68	1 13/16	1 1/2	2 7/16	1 1/16	6
45460	8.12	1 7/8	1 5/8	2 17/32	1 7/8	6
45462	8.46	1 15/16	1 21/32	2 19/32	1 7/8	6
45464	8.86	2	1 45/64	2 11/16	1 7/8	6

 LOC-RITE ULTRA SHORT BOX WRENCH 45° ANGLE					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
24623	\$ 2.50	3/8 & 7/16	35/64 & 5/8	4 3/4	6
24625	2.64	1/2 & 9/16	23/32 & 13/16	5 1/2	6
24629	3.22	5/8 & 3/4	57/64 & 1 1/16	6 5/32	6

 LOC-RITE DOUBLE OFF-SET BOX WRENCH LONG PATTERN, 45° ANGLE					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
24123	\$ 3.22	3/8 & 7/16	37/64 & 21/32	7 1/2	6
24125	3.44	1/2 & 9/16	3/4 & 27/32	8 3/4	6
24127	3.50	9/16 & 5/8	27/32 & 59/64	9 1/4	6
24129	3.76	5/8 & 11/16	59/64 & 1 1/32	9 3/4	6
24131	4.22	3/4 & 13/16	1 3/32 & 1 3/16	12 1/2	6
24133	6.90	7/8 & 15/16	1 9/32 & 1 3/8	13 3/16	6

 LOC-RITE EXTRA LONG BOX WRENCH 45° ANGLE					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
24235	\$ 7.90	1 & 1 1/16	1 35/64 & 1 5/8	16	6
24237	9.50	1 1/8 & 1 1/4	1 3/4 & 1 29/32	18	6

 LOC-RITE SHORT SINGLE OFFSET BOX WRENCH 15° ANGLE					
PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
24023	\$ 2.64	3/8 & 7/16	37/64 & 21/32	4 1/4	6
24025	2.74	1/2 & 9/16	3/4 & 27/32	5	6
24027	3.16	5/8 & 11/16	59/64 & 1	5 3/4	6

LOC-RITE BOX AND ORDINARY OPEN END COMBINATION WRENCH Long Series

PART NO.	LIST PRICE	SIZE OPENINGS	HEAD DIAMETER BOX END	HEAD DIAMETER OPEN END	O.A. LGTH.	STD. PKG.
23112	\$ 2.76	3/8	19/32	51/64	6 5/8	6
23114	3.10	7/16	43/64	15/16	7 1/4	6
23116	3.26	1/2	3/4	1 1/16	7 25/32	6
23118	3.50	9/16	27/32	1 3/16	8 11/32	6
23120	3.80	5/8	15/16	1 5/16	9	6
23122	4.20	11/16	1	1 7/16	9 23/32	6
23124	4.80	3/4	1 3/32	1 9/16	10 15/32	6
23126	5.20	13/16	1 3/16	1 11/16	11 5/16	6
23128	5.64	7/8	1 9/32	1 13/16	12 3/16	6
23130	6.50	15/16	1 7/8	1 15/16	13 1/16	6
23132	7.50	1	1 15/32	2 1/16	13 15/16	6
23134	9.40	1 1/16	1 9/16	2 3/16	14 27/32	2
23136	10.00	1 1/8	1 21/32	2 5/16	15 23/32	2

LOC-RITE BOX AND ORDINARY OPEN END COMBINATION WRENCH Short Series

PART NO.	LIST PRICE	SIZE OPENINGS	HEAD DIAMETER BOX END	HEAD DIAMETER OPEN END	O.A. LGTH.	STD. PKG.
23012	\$ 2.48	3/8	39/64	13/16	4 11/16	6
23014	2.52	7/16	43/64	29/32	5 3/16	6
23016	2.64	1/2	3/4	1 1/32	5 11/16	6
23018	2.80	9/16	27/32	1 5/32	6 7/32	6
23020	2.98	5/8	15/16	1 9/32	6 27/32	6
23022	3.22	11/16	1	1 13/32	7 15/32	6
23024	3.50	3/4	1 3/32	1 17/32	8 1/8	6

(*) Indicates torque lever arm dimension.

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**LOC-RITE MULTI-FLEX
BOX WRENCH**

PART NO.	LIST PRICE	SIZE OPENINGS	HEAD DIAMETER	O.A. LENGTH	STD. PKG.
24523	\$ 6.25	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$	6
24525	7.25	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{13}{16}$	$\frac{8}{8}$	6
24527	8.00	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $1\frac{1}{16}$	$\frac{9}{16}$	6

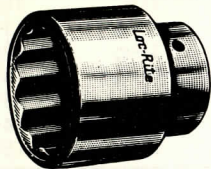


**LOC-RITE SOCKET
REGULAR LENGTH**

PART NO.	LIST PRICE	SIZE OPENINGS	O.A. LENGTH	O.D. SOC. END	STD. PKG.
$\frac{3}{8}$" SQUARE DRIVE					
33210-1	\$ 1.26	$\frac{5}{16}$	$1\frac{1}{16}$	$\frac{15}{32}$	6
33212-1	1.26	$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{17}{32}$	6
33214-1	1.26	$\frac{7}{16}$	$1\frac{1}{16}$	$\frac{39}{64}$	6
33216-1	1.26	$\frac{1}{2}$	$1\frac{1}{16}$	$\frac{11}{16}$	6
33218-1	1.26	$\frac{9}{16}$	$1\frac{1}{16}$	$\frac{25}{32}$	6
33220-1	1.36	$\frac{5}{8}$	$1\frac{1}{16}$	$\frac{7}{8}$	6
33222-1	1.38	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{15}{16}$	6
33224-1	1.38	$\frac{3}{4}$	$1\frac{1}{16}$	1	6

$\frac{1}{2}$" SQUARE DRIVE					
34212-1	\$ 1.38	$\frac{3}{8}$	$1\frac{3}{8}$	$\frac{17}{32}$	6
34214-1	1.38	$\frac{7}{16}$	$1\frac{3}{8}$	$\frac{5}{8}$	6
34216-1	1.38	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{45}{64}$	6
34218-1	1.38	$\frac{9}{16}$	$1\frac{13}{32}$	$\frac{25}{32}$	6
34220-1	1.38	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{7}{8}$	6
34222-1	1.56	$1\frac{1}{16}$	$1\frac{1}{2}$	$\frac{15}{16}$	6
34224-1	1.56	$\frac{3}{4}$	$1\frac{9}{16}$	$1\frac{1}{16}$	6
34226-1	1.72	$\frac{13}{16}$	$1\frac{19}{32}$	$1\frac{1}{8}$	6
34228-1	1.72	$\frac{7}{8}$	$1\frac{5}{8}$	$1\frac{3}{16}$	6
34230-1	1.90	$\frac{15}{16}$	$1\frac{21}{32}$	$1\frac{1}{4}$	6
34232-1	1.90	1	$1\frac{23}{32}$	$1\frac{3}{8}$	6
34234-1	2.14	$1\frac{1}{16}$	$1\frac{3}{4}$	$1\frac{7}{16}$	6
34236-1	2.50	$1\frac{1}{8}$	$1\frac{13}{16}$	$1\frac{1}{2}$	6
34240-1	2.84	$1\frac{1}{4}$	$1\frac{7}{8}$	$1\frac{11}{16}$	6

$\frac{3}{4}$" SQUARE DRIVE					
36228-1	\$ 3.20	$\frac{7}{8}$	2	$\frac{19}{32}$	2
36230-1	3.20	$\frac{15}{16}$	2	$1\frac{1}{8}$	2
36232-1	3.20	1	2	$\frac{17}{16}$	2
36234-1	3.20	$1\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{2}$	2
36236-1	3.26	$1\frac{1}{8}$	$2\frac{7}{32}$	$\frac{19}{16}$	2
36238-1	3.40	$1\frac{3}{16}$	$2\frac{1}{4}$	$1\frac{11}{16}$	2
36240-1	3.84	$1\frac{1}{4}$	$2\frac{5}{16}$	$1\frac{3}{4}$	2
36242-1	4.00	$\frac{15}{16}$	$2\frac{13}{32}$	$1\frac{13}{16}$	2
36244-1	4.26	$1\frac{3}{8}$	$2\frac{1}{2}$	$1\frac{7}{8}$	2
36246-1	4.50	$1\frac{7}{16}$	$2\frac{9}{16}$	2	2
36248-1	4.75	$1\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{1}{16}$	2
36252-1	5.80	$\frac{15}{8}$	$2\frac{3}{4}$	$2\frac{1}{4}$	2
36256-1	6.30	$1\frac{3}{4}$	$2\frac{7}{8}$	$2\frac{3}{8}$	2
36258-1	6.50	$1\frac{13}{16}$	$2\frac{31}{32}$	$2\frac{15}{32}$	2
36260-1	7.00	$1\frac{7}{8}$	$3\frac{1}{16}$	$2\frac{9}{16}$	2
36264-1	7.90	2	$3\frac{5}{32}$	$2\frac{23}{32}$	2
36266-1	9.24	$2\frac{1}{16}$	$3\frac{1}{8}$	$2\frac{13}{16}$	2
36268-1	9.50	$2\frac{1}{8}$	$3\frac{5}{16}$	$2\frac{15}{16}$	2
36270-1	10.00	$2\frac{3}{16}$	$3\frac{5}{16}$	3.0	2
36272-1	12.00	$2\frac{1}{4}$	$3\frac{3}{8}$	$3\frac{1}{16}$	2



**LOC-RITE SOCKETS
REGULAR LENGTH**

1" SQUARE DRIVE					
38046	\$ 5.80	$1\frac{7}{16}$	$2\frac{1}{2}$	2	1
38048	6.60	$1\frac{1}{2}$	$2\frac{19}{32}$	$2\frac{1}{8}$	1
38052	7.00	$1\frac{5}{8}$	$2\frac{11}{16}$	$2\frac{1}{4}$	1
38054	7.50	$1\frac{11}{16}$	$2\frac{25}{32}$	$2\frac{3}{8}$	1
38056	8.20	$1\frac{3}{4}$	$2\frac{27}{32}$	$2\frac{1}{2}$	1
38058	8.70	$1\frac{13}{16}$	2	$2\frac{7}{16}$	1
38060	10.26	$1\frac{7}{8}$	$2\frac{31}{32}$	$2\frac{5}{8}$	1
38064	11.40	2	$3\frac{1}{16}$	$2\frac{3}{4}$	1
38068	14.00	$2\frac{1}{8}$	$3\frac{3}{32}$	$2\frac{29}{32}$	1
38070	15.00	$2\frac{3}{16}$	$3\frac{1}{8}$	3	1
38072	16.20	$2\frac{1}{4}$	$3\frac{7}{32}$	3	1

PART NO.	LIST PRICE	SIZE OPENINGS	O.A. LENGTH	O.D. SOC. END	STD. PKG.
1" SQUARE DRIVE REGULAR LENGTH SOCKETS					
38074	\$18.00	$2\frac{5}{16}$	$3\frac{9}{32}$	$3\frac{1}{8}$	1
38076	19.00	$2\frac{3}{8}$	$3\frac{5}{16}$	$3\frac{9}{32}$	1
38078	21.00	$2\frac{7}{16}$	$3\frac{3}{8}$	$3\frac{5}{16}$	1
38080	23.80	$2\frac{1}{2}$	$3\frac{3}{8}$	$3\frac{3}{8}$	1
38082	27.20	$2\frac{9}{16}$	$3\frac{17}{32}$	$3\frac{3}{8}$	1
38084	31.00	$2\frac{5}{8}$	$3\frac{19}{32}$	$3\frac{15}{32}$	1
38088	32.50	$2\frac{3}{4}$	$3\frac{11}{16}$	$3\frac{3}{4}$	1
38094	40.00	$2\frac{15}{16}$	$3\frac{3}{4}$	$3\frac{31}{32}$	1
38096	45.00	3	$3\frac{3}{4}$	$4\frac{1}{16}$	1
38100	48.00	$3\frac{1}{8}$	$3\frac{29}{32}$	$4\frac{1}{4}$	1



**LOC-RITE SOCKETS
EXTRA DEEP SERIES**

$\frac{3}{8}$" SQUARE DRIVE					
33214-2	\$ 1.40	$\frac{7}{16}$	2	$\frac{39}{64}$	6
33216-2	1.40	$\frac{1}{2}$	2	$\frac{11}{16}$	6
33218-2	1.46	$\frac{9}{16}$	2	$\frac{25}{32}$	6
33220-2	1.56	$\frac{5}{8}$	$2\frac{1}{2}$	$\frac{7}{8}$	6
33222-2	1.64	$1\frac{1}{16}$	$2\frac{1}{2}$	$\frac{15}{16}$	6
33224-2	1.94	$\frac{3}{4}$	$2\frac{9}{16}$	1	6

$\frac{1}{2}$" SQUARE DRIVE					
34216-2	\$ 2.32	$\frac{1}{2}$	3	$\frac{47}{64}$	6
34218-2	2.32	$\frac{9}{16}$	3	$\frac{13}{16}$	6
34220-2	2.32	$\frac{5}{8}$	3	$\frac{7}{8}$	6
34222-2	2.32	$1\frac{1}{16}$	3	$\frac{15}{16}$	6
34224-2	2.32	$\frac{3}{4}$	3	$1\frac{1}{16}$	6
34226-2	2.46	$\frac{13}{16}$	3	$1\frac{1}{8}$	6
34228-2	2.60	$\frac{7}{8}$	$3\frac{1}{4}$	$1\frac{3}{16}$	6
34230-2	2.92	$\frac{15}{16}$	$3\frac{1}{4}$	$1\frac{1}{4}$	6
34232-2	3.10	1	$3\frac{1}{4}$	$1\frac{5}{16}$	6
34236-2	3.30	$1\frac{1}{8}$	$3\frac{5}{16}$	$1\frac{1}{2}$	6



LOC-RITE FLEXIBLE SOCKETS

$\frac{3}{8}$" SQUARE DRIVE					
33218-9	\$ 4.04	$\frac{9}{16}$	$1\frac{13}{16}$	$\frac{13}{16}$	6
33220-9	4.04	$\frac{5}{8}$	$\frac{17}{8}$	$\frac{7}{8}$	6
33222-9	4.80	$1\frac{11}{16}$	$\frac{17}{8}$	$\frac{15}{16}$	6
33224-9	4.80	$\frac{3}{4}$	$\frac{17}{8}$	1	6

$\frac{1}{2}$" SQUARE DRIVE					
34216-9	\$ 5.20	$\frac{1}{2}$	$2\frac{7}{32}$	$1\frac{11}{16}$	6
34218-9	5.20	$\frac{9}{16}$	$2\frac{7}{32}$	$\frac{25}{32}$	6
34220-9	5.20	$\frac{5}{8}$	$2\frac{9}{32}$	$\frac{7}{8}$	6
34222-9	5.20	$1\frac{11}{16}$	$2\frac{9}{32}$	$\frac{15}{16}$	6
34224-9	5.20	$\frac{3}{4}$	$2\frac{11}{32}$	1	6
34226-9	5.80	$\frac{13}{16}$	$2\frac{11}{32}$	$1\frac{1}{16}$	6



**CAM-LOC OPEN END
RATCHET WRENCH**

PART NO.	LIST PRICE	SIZE OPENINGS	O.D. HEAD	O.A. LENGTH	STD. PKG.
43212	\$ 4.00	$\frac{3}{8}$	1.18	$5\frac{1}{4}$	12
43214	4.20	$\frac{7}{16}$	1.24	$5\frac{1}{4}$	12
43216	4.82	$\frac{1}{2}$	1.36	$5\frac{3}{8}$	12
43218	4.92	$\frac{9}{16}$	1.52	6	12
43220	5.10	$\frac{5}{8}$	1.72	$6\frac{3}{4}$	6
43222	5.26	$1\frac{11}{16}$	1.80	$7\frac{3}{8}$	6
43224	5.92	$\frac{3}{4}$	1.88	8	6
43228	6.22	$\frac{7}{8}$	2.20	$9\frac{5}{16}$	1
43232	6.60	1	2.40	$10\frac{5}{8}$	1

*If, after prolonged use, there is wear on the moving parts of the ratchet, we will completely recondition and rebuild Cam-Loc Ratchet Wrenches for the following service charge:

Sizes $\frac{3}{8}$ thru $\frac{9}{16}$ \$ 1.60 Each Net
 Sizes $\frac{5}{8}$ thru $1\frac{1}{16}$ 1.75 Each Net
 All Other Sizes 2.00 Each Net

CAM-LOC Open-end Ratchet Crowfoots in any of the above sizes, with $\frac{3}{8}$ " or $\frac{1}{2}$ " square drive, available upon request.